Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_\_\_\_

Quotient Rule

**Directions:** Simplify each expression. Write the answer in exponential notation.

1. = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 2) = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 4) = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 6) = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 8) = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 10) = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
6. = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 12) = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
7. = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 14) = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_